

WHAT IS CLAIMED IS:

1. A golf club head comprising an outer shell member and a hollow portion surrounded by the outer shell member, wherein:

an inner surface of the hollow portion includes either or both of a concave surface and a flat surface and a projecting portion is formed on the inner surface; and the projecting portion is so formed that it has a convex surface with a radius of curvature equal to or greater than 3 mm, or chamfered by chipping off a corner edge of an angular portion, where two surfaces of the projecting portion intersect at an angle, by 3 mm or more along the two surfaces.

2. The golf club head according to claim 1, wherein said convex surface is provided by using a sheet member comprising a resin on a surface of said projecting portion.

3. The golf club head according to claim 2, wherein said sheet member comprises a fiber reinforced resin material.

4. The golf club head according to any one of claims

1 to 3, wherein said outer shell member is formed by joining at least two members together by bonding and the members are joined together by bonding when the outer shell member is molded by an application of a pressure from an inside of said hollow portion toward an outside.

5. The golf club head according to any one of claims 1 to 4, further comprising a columnar neck member having a shaft insertion hole into which a golf club shaft is inserted, the hole being closed at one end, wherein the neck member projects into said hollow portion and its end on a projection side is so formed that the end has a convex surface with a radius of curvature equal to or greater than 3 mm, or chamfered by chipping off a corner edge of an angular portion, where two surfaces of the end on the projection side intersect at an angle, by 3 mm or more along the two surfaces.

6. The golf club head according to claim 5, wherein a lateral surface of said columnar neck member on a heel side is joined to said outer shell member and the lateral surface on the heel side is covered with a joining surface of said outer shell member so that a concave space may not be formed between the lateral surface on the heel side and

said outer shell member within said hollow portion.

7. A golf club head comprising an outer shell member and a hollow portion surrounded by the outer shell member, wherein:

an inner surface of the hollow portion includes either or both of a concave surface and a flat surface and the inner surface has no projecting portion formed thereon.

8. A golf club which has a grip, a golf club shaft, and a golf club head, wherein:

the golf club head comprises an outer shell member and a hollow portion surrounded by the outer shell member; an inner surface of the hollow portion includes either or both of a concave surface and a flat surface and a projecting portion is formed on the inner surface; and the projecting portion is so formed that it has a convex surface with a radius of curvature equal to or greater than 3 mm, or chamfered by chipping off a corner edge of an angular portion, where two surfaces of the projecting portion intersect at an angle, by 3 mm or more along the two surfaces.

9. A golf club which has a grip, a golf club shaft,

and a golf club head, wherein:

the golf club head comprises an outer shell member and a hollow portion surrounded by the outer shell member; and an inner surface of the hollow portion includes either or both of a concave surface and a flat surface and the inner surface has no projecting portion formed thereon.